

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011350.D
 Acq On : 25 Aug 2017 19:03
 Operator : SJ/JU
 Sample : I4924-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

Quant Time: Aug 25 23:29:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	84700	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	288552	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	196669	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	509295	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	704150	20.00	ng	-0.02
86) Perylene-d12	22.99	264	669615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	151560	30.25	ng	-0.02
7) Phenol-d6	6.47	99	196011	27.53	ng	-0.02
23) Nitrobenzene-d5	8.41	82	194573	25.31	ng	-0.03
41) 2,4,6-Tribromophenol	15.45	330	75697	24.01	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	305785	19.50	ng	-0.02
78) Terphenyl-d14	19.36	244	640730	18.02	ng	-0.02

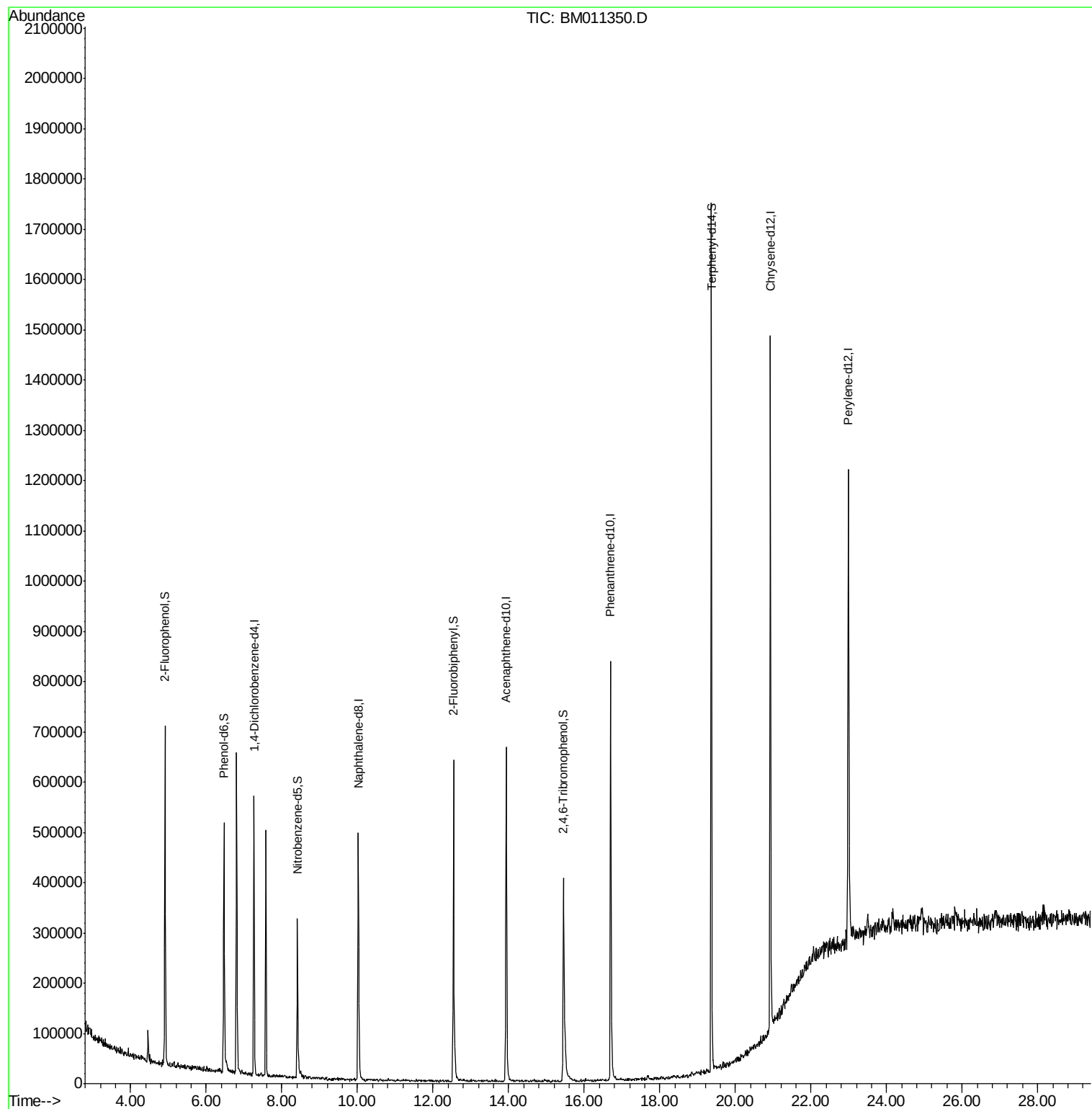
Target Compounds Qvalue

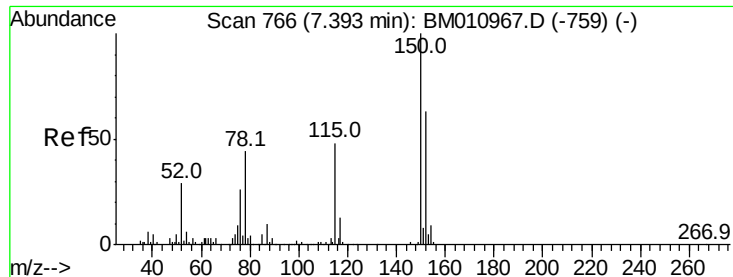
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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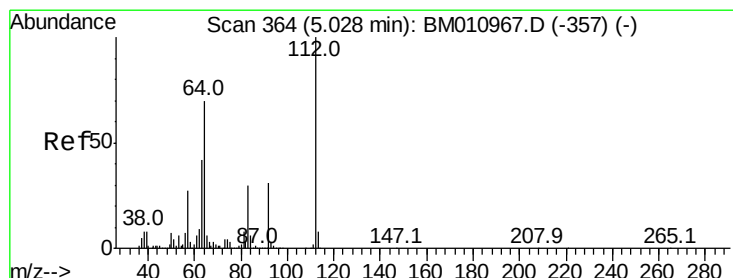
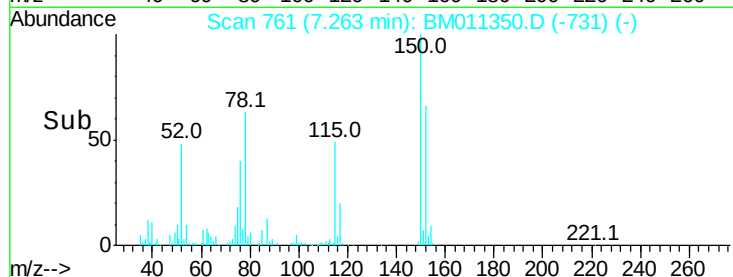
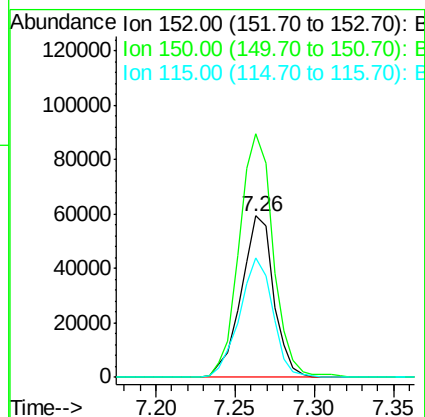
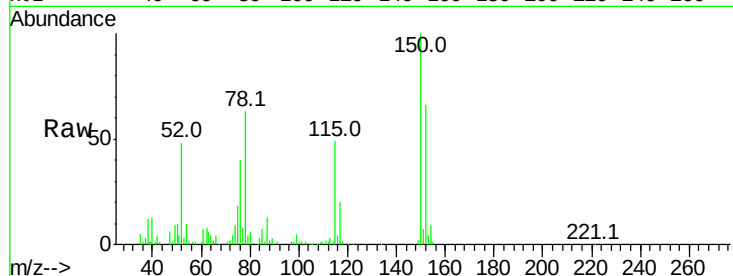


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
72-11975-COMP

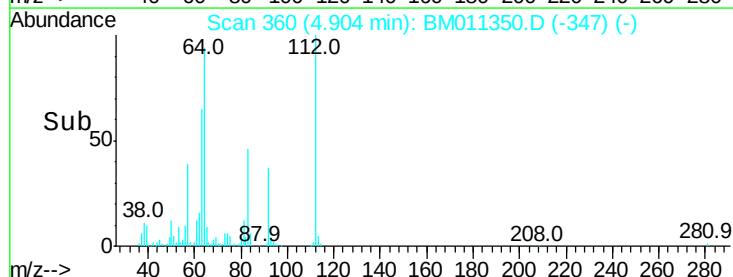
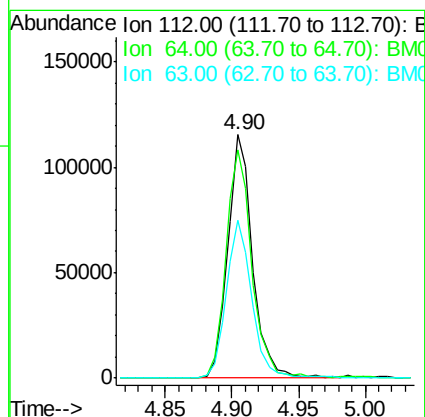
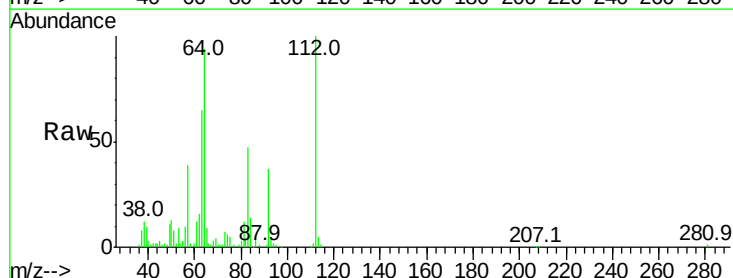
Tot Ion:152 Resp: 84700
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 74.2 43.0 64.4#

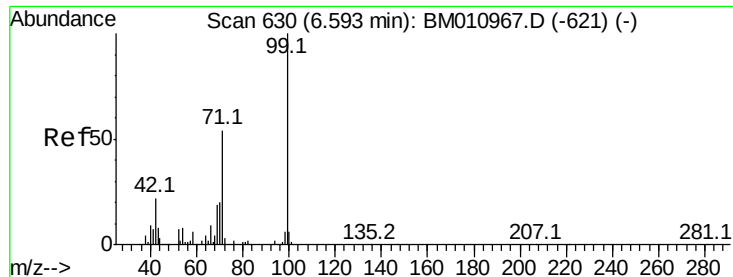


#5

2-Fluorophenol
Concen: 30.248 ng
RT: 4.90 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Tgt Ion:112 Resp: 151560
Ion Ratio Lower Upper
112 100
64 93.9 38.6 57.8#
63 64.7 19.3 28.9#





#7

Phenol-d6

Concen: 27.533 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

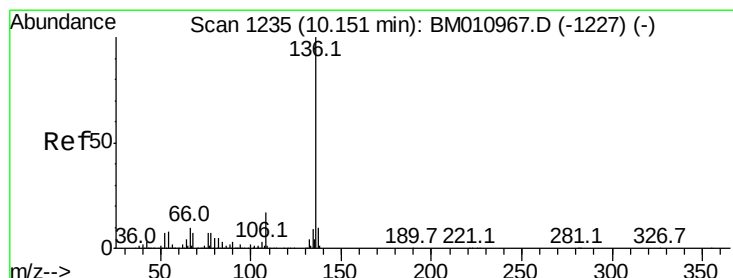
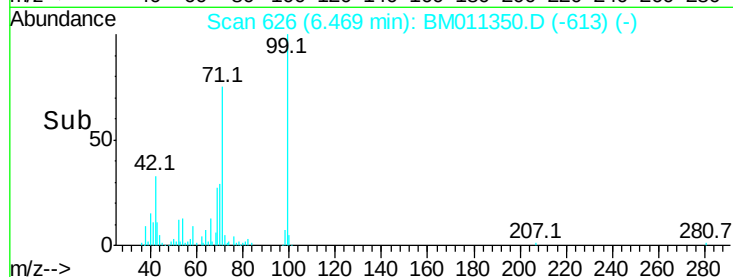
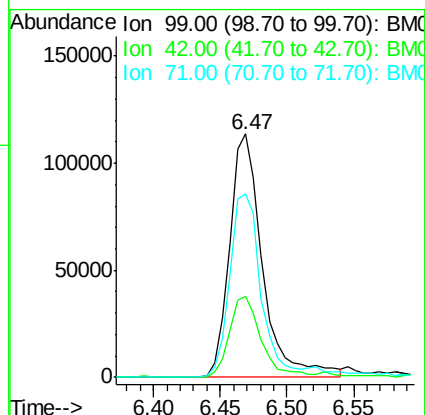
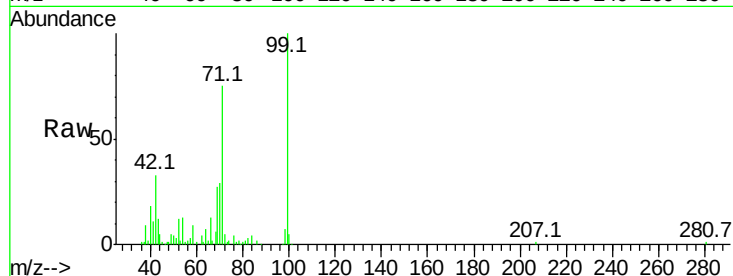
Tot Ion: 99 Resp: 196011

Ion Ratio Lower Upper

99 100

42 33.4 11.0 16.4#

71 75.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

Tgt Ion: 136 Resp: 288552

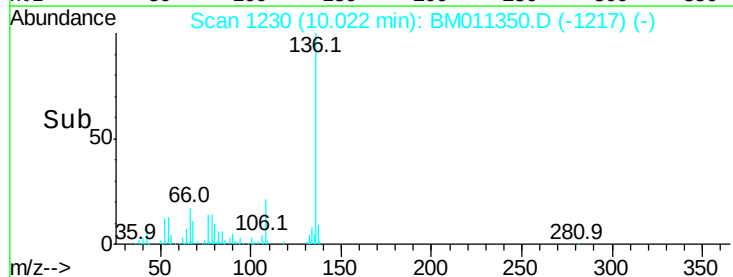
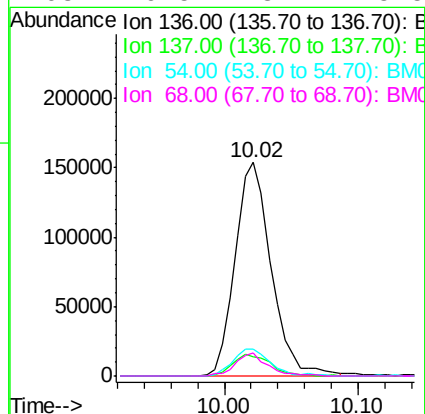
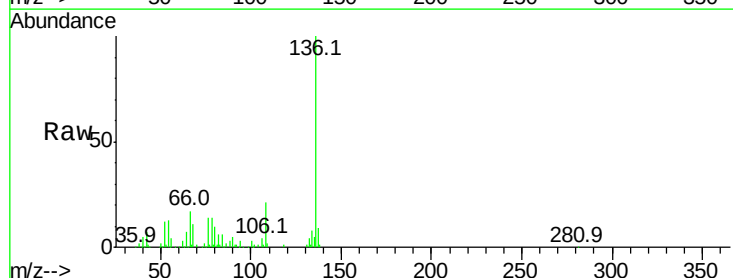
Ion Ratio Lower Upper

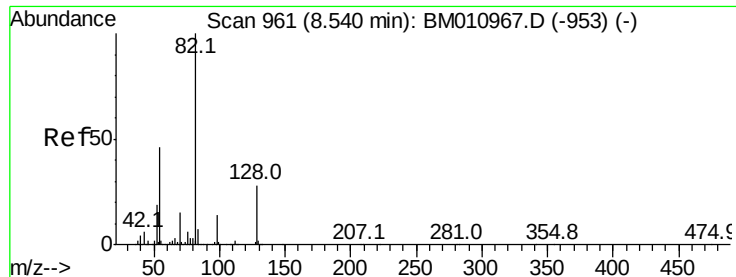
136 100

137 9.1 8.7 13.1

54 12.9 4.6 6.8#

68 10.5 3.7 5.5#

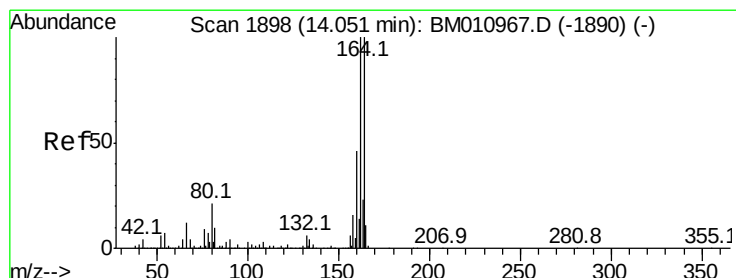
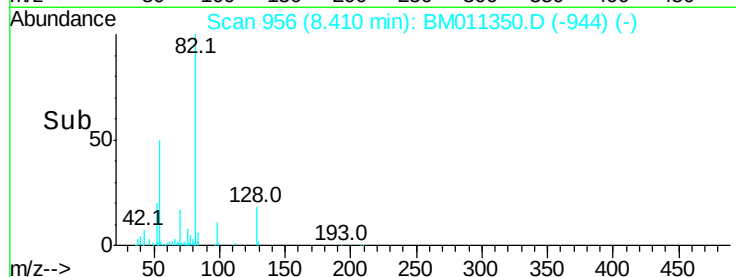
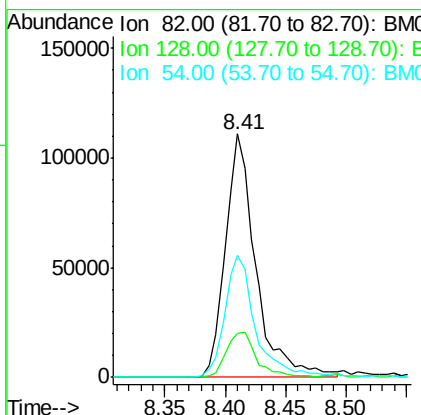
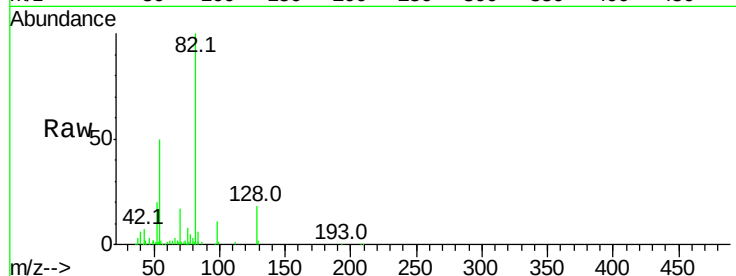




#23
 Nitrobenzene-d5
 Concen: 25.308 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011350.D
 Acq: 25 Aug 2017 19:03

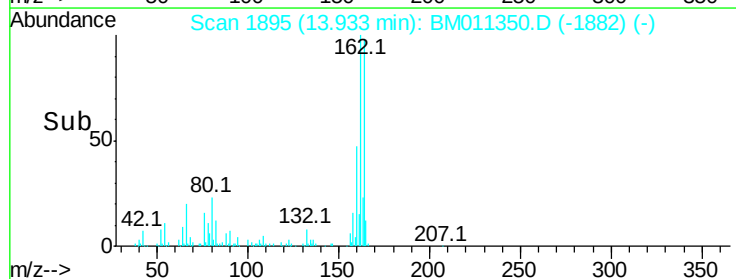
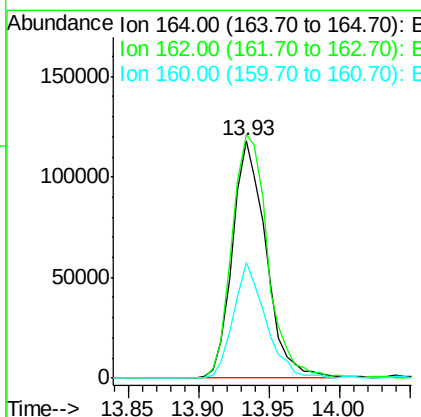
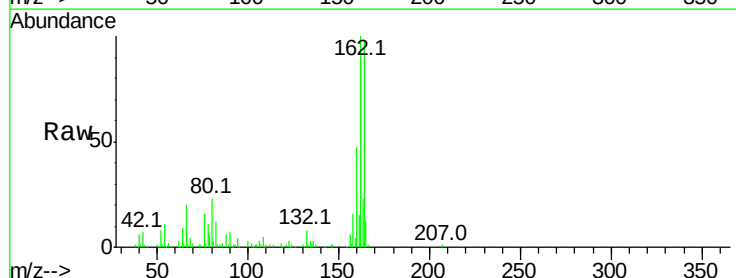
Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

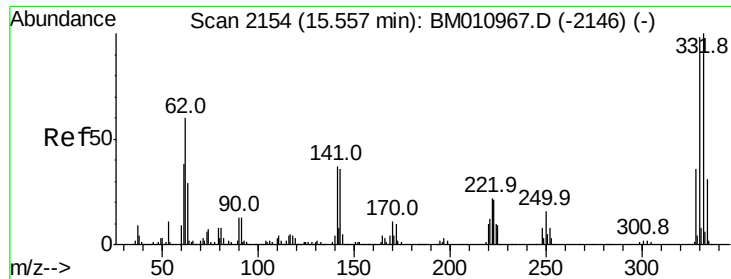
Tot Ion	82	Resp	194573
Ion	Ratio	Lower	Upper
82	100		
128	18.2	32.8	49.2#
54	50.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011350.D
 Acq: 25 Aug 2017 19:03

Tgt Ion	164	Resp	196669
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	48.7	35.8	53.6

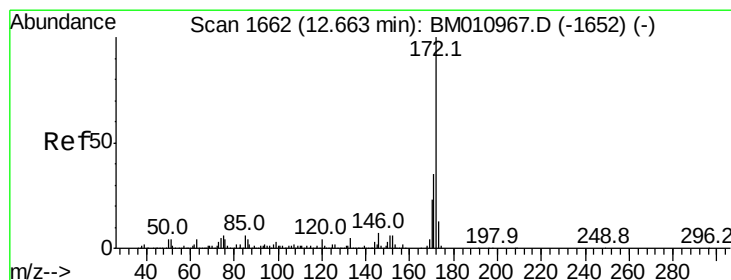
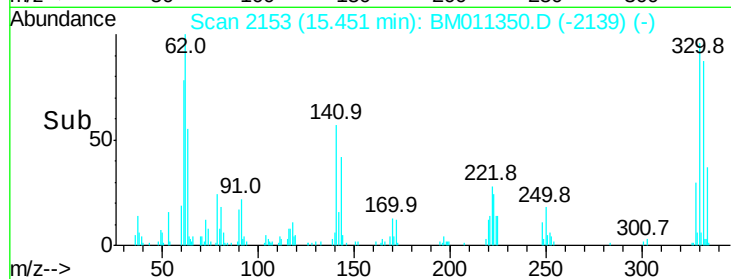
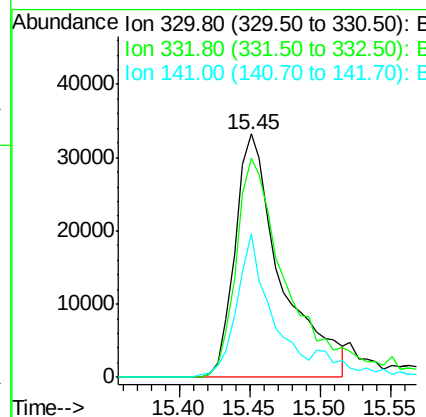
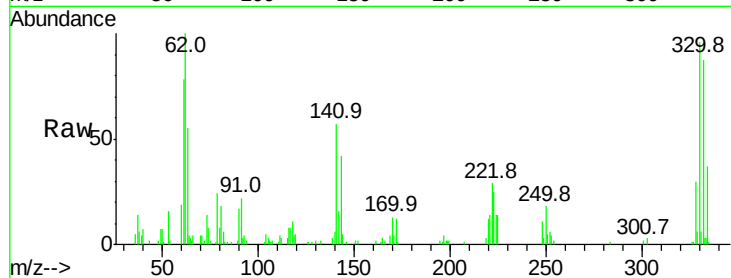




#41
 2,4,6-Tribromophenol
 Concen: 24.014 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011350.D
 Acq: 25 Aug 2017 19:03

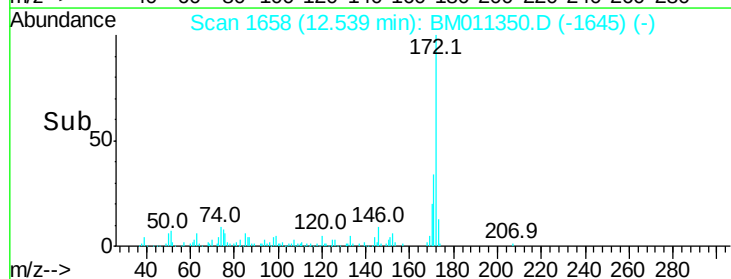
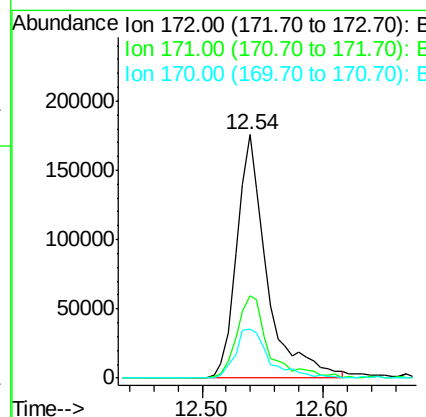
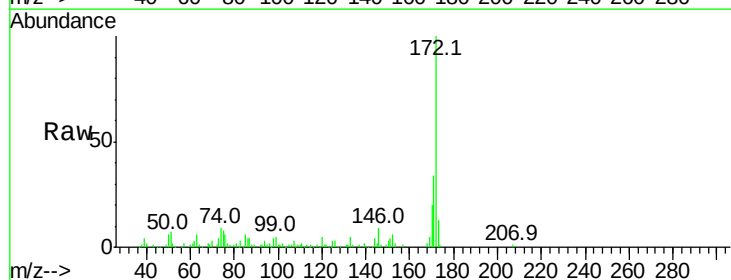
Instrument :
 BNA_M
 ClientSampleId :
 72-11975-COMP

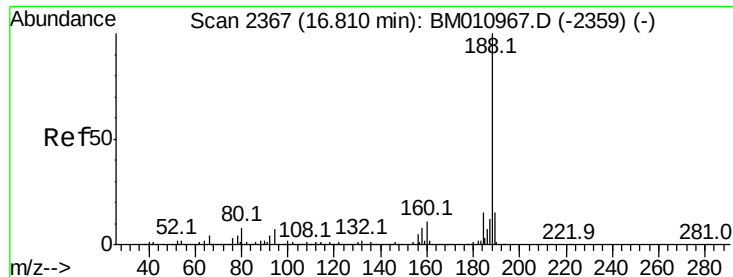
Tot Ion:330 Resp: 75697
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 44.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 19.500 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011350.D
 Acq: 25 Aug 2017 19:03

Tgt Ion:172 Resp: 305785
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.5 42.7
 170 20.2 18.8 28.2

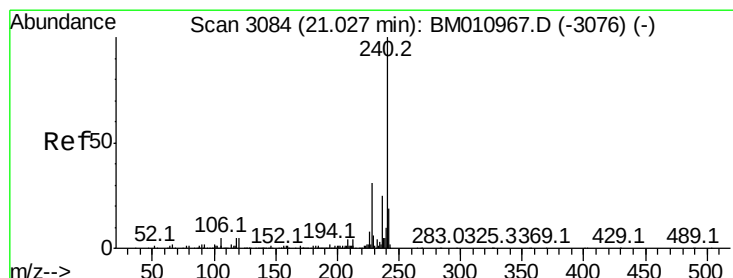
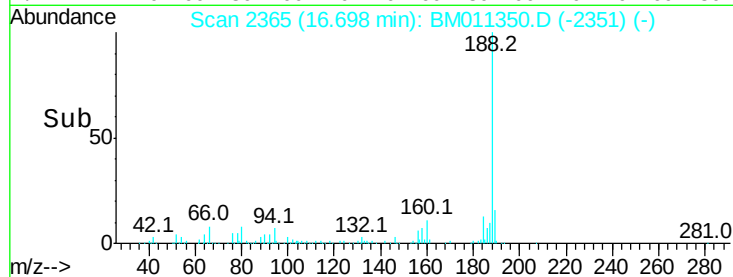
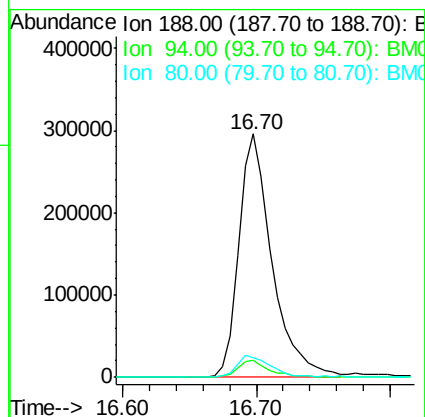
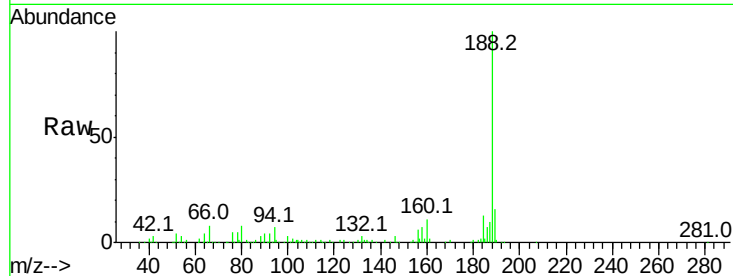




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

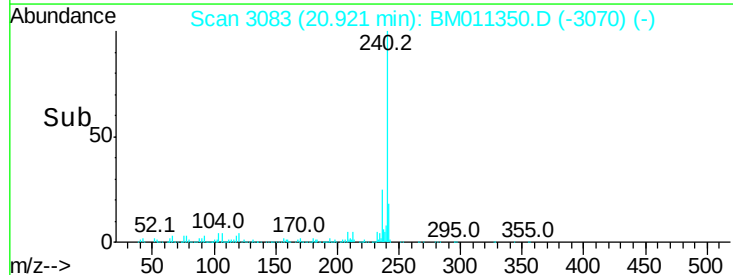
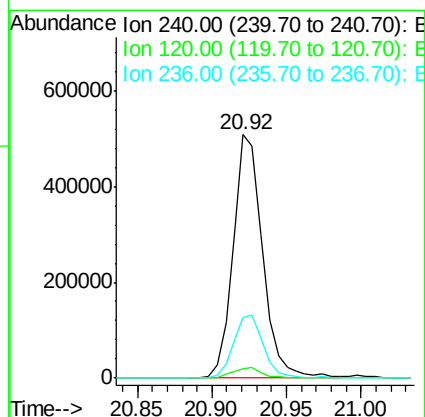
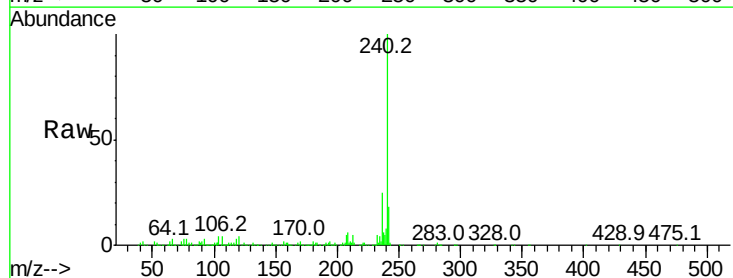
Instrument :
BNA_M
ClientSampleId :
72-11975-COMP

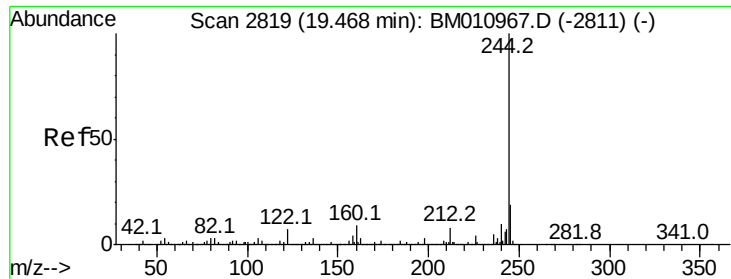
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011350.D
Acq: 25 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.1	8.2	12.2#
236	24.8	20.0	30.0





#78

Terphenyl-d14

Concen: 18.025 ng

RT: 19.36 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

72-11975-COMP

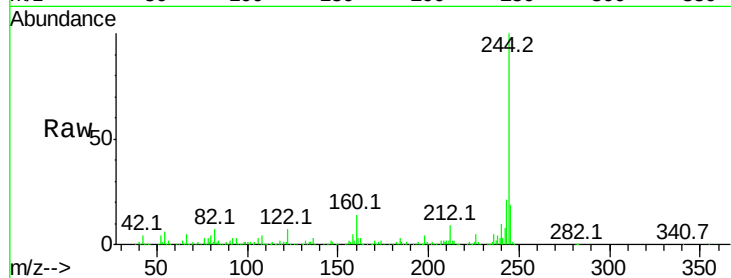
Tot Ion:244 Resp: 640730

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

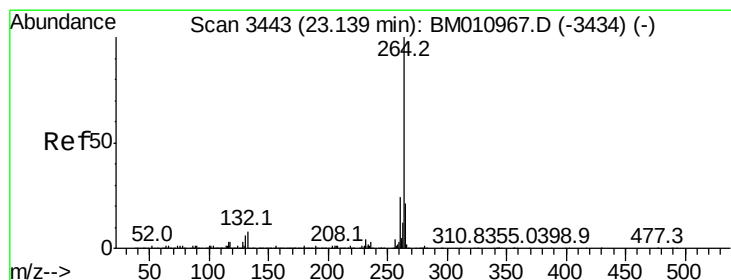
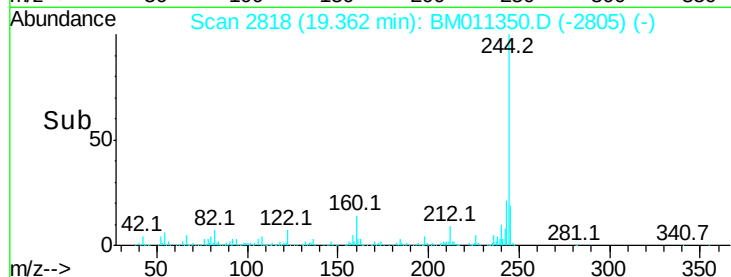
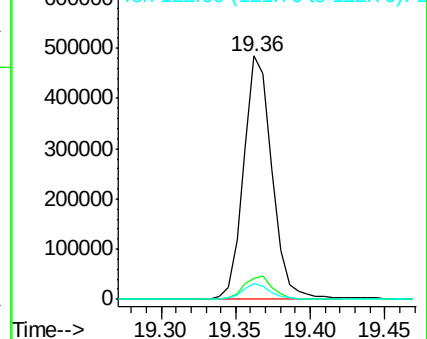
122 6.5 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011350.D

Acq: 25 Aug 2017 19:03

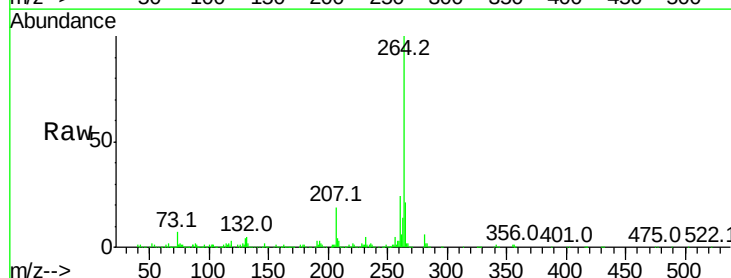
Tgt Ion:264 Resp: 669615

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 20.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

